

10581538

=> d his all

(FILE 'HOME' ENTERED AT 15:07:39 ON 01 DEC 2009)

FILE 'REGISTRY' ENTERED AT 15:07:50 ON 01 DEC 2009

L1               STRUCTURE UPLOADED  
L2               50 S L1  
L3               61360 S L1 FULL  
L4               STRUCTURE UPLOADED  
L5               50 S L4  
L6               145212 S L4 FULL  
L7               STRUCTURE UPLOADED  
L8               0 S L7  
L9               3 S L7 FULL

FILE 'CAPLUS' ENTERED AT 15:13:53 ON 01 DEC 2009

L10              2 S L9

FILE 'STNGUIDE' ENTERED AT 15:14:37 ON 01 DEC 2009

FILE 'REGISTRY' ENTERED AT 15:17:50 ON 01 DEC 2009

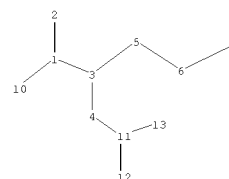
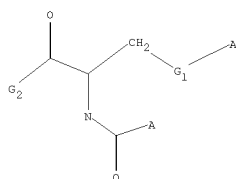
L11              STRUCTURE UPLOADED  
L12              50 S L11  
L13              3049 S L11 FULL  
L14              STRUCTURE UPLOADED  
L15              STRUCTURE UPLOADED  
L16              STRUCTURE UPLOADED  
L17              14 S L16 FULL SUB=L13

FILE 'CAPLUS' ENTERED AT 15:23:21 ON 01 DEC 2009

L18              5 S L17

=> log h

COST IN U.S. DOLLARS



chain nodes :

1 2 3 4 5 6 8 10 11 12 13

chain bonds :

1-2 1-3 1-10 3-4 3-5 4-11 5-6 6-8 11-12 11-13

exact/norm bonds :

1-2 1-10 3-4 4-11 5-6 6-8 11-12 11-13

exact bonds :

1-3 3-5

G1:O,S

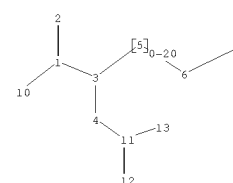
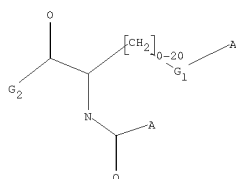
G2:O,S,N

Connectivity :

8:1 M minimum C chain 13:1 M minimum C chain

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 10:CLASS 11:CLASS 12:CLASS  
13:CLASS

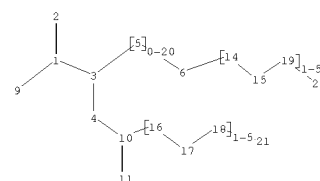
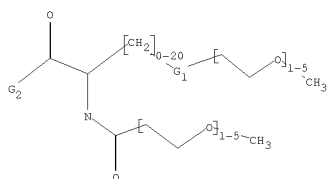


chain nodes :  
 1 2 3 4 5 6 8 10 11 12 13  
 chain bonds :  
 1-2 1-3 1-10 3-4 3-5 4-11 5-6 6-8 11-12 11-13  
 exact/norm bonds :  
 1-2 1-10 3-4 4-11 5-6 6-8 11-12 11-13  
 exact bonds :  
 1-3 3-5

G1:O,S

G2:O,S,N

Connectivity :  
 8:1 M minimum C chain 13:1 M minimum C chain  
 Match level :  
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 8:CLASS 10:CLASS 11:CLASS 12:CLASS  
 13:CLASS



chain nodes :

1 2 3 4 5 6 9 10 11 14 15 16 17 18 19 20 21

chain bonds :

1-2 1-3 1-9 3-4 3-5 4-10 5-6 6-14 10-11 10-16 14-15 15-19 16-17 17-18 18-21  
19-20

exact/norm bonds :

1-2 1-9 3-4 4-10 5-6 6-14 10-11 15-19 17-18

exact bonds :

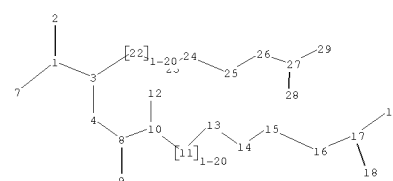
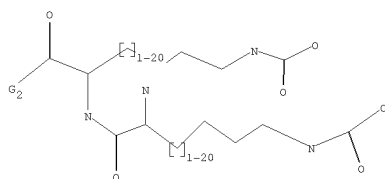
1-3 3-5 10-16 14-15 16-17 18-21 19-20

G1:O,S

G2:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:CLASS 10:CLASS 11:CLASS 14:CLASS  
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS



chain nodes :

1 2 3 4 7 8 9 10 11 12 13 14 15 16 17 18 19 22 23 24 25 26 27 28 29

chain bonds :

1-2 1-3 1-7 3-4 3-22 4-8 8-9 8-10 10-11 10-12 11-13 13-14 14-15 15-16 16-17  
17-18 17-19 22-23 23-24 24-25 25-26 26-27 27-28 27-29

exact/norm bonds :

1-2 1-7 3-4 4-8 8-9 10-12 15-16 16-17 17-18 17-19 25-26 26-27 27-28 27-29

exact bonds :

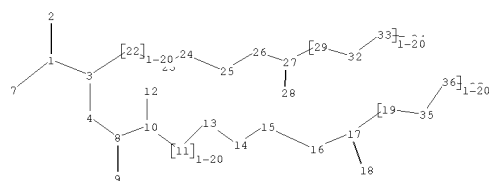
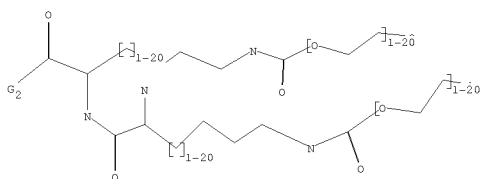
1-3 3-22 8-10 10-11 11-13 13-14 14-15 22-23 23-24 24-25

G1:O,S

G2:O,S,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS



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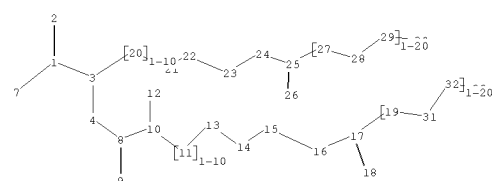
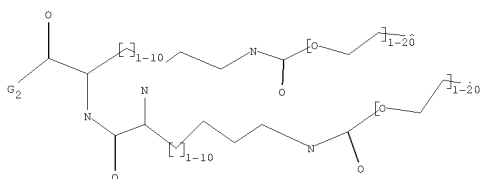
chain nodes :
  1  2  3  4  7  8  9  10  11  12  13  14  15  16  17  18  19  22  23  24  25  26  27  28  29  32
  33 34 35 36 37
chain bonds :
  1-2  1-3  1-7  3-4  3-22  4-8  8-9  8-10  10-11  10-12  11-13  13-14  14-15  15-16  16-17
  17-18  17-19  19-35  22-23  23-24  24-25  25-26  26-27  27-28  27-29  29-32  32-33  33-34
  35-36  36-37
exact/norm bonds :
  1-2  1-7  3-4  4-8  8-9  10-12  15-16  16-17  17-18  17-19  19-35  25-26  26-27  27-28  27-29
  29-32  33-34  36-37
exact bonds :
  1-3  3-22  8-10  10-11  11-13  13-14  14-15  22-23  23-24  24-25  32-33  35-36
  
```

G1:O,S

G2:O,S,N

```

Match level :
  1:CLASS  2:CLASS  3:CLASS  4:CLASS  7:CLASS  8:CLASS  9:CLASS  10:CLASS  11:CLASS  12:CLASS
  13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 22:CLASS 23:CLASS
  24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 32:CLASS 33:CLASS 34:CLASS
  35:CLASS 36:CLASS 37:CLASS
  
```



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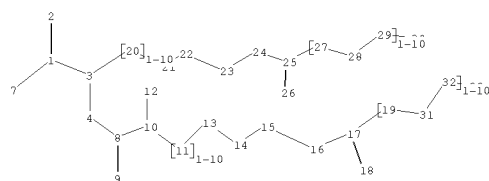
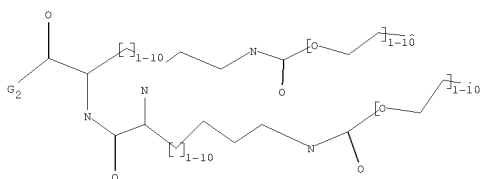
chain nodes :
  1  2  3  4  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28
 29 30 31 32 33
chain bonds :
  1-2  1-3  1-7  3-4  3-20  4-8  8-9  8-10  10-11  10-12  11-13  13-14  14-15  15-16  16-17
 17-18  17-19  19-31  20-21  21-22  22-23  23-24  24-25  25-26  25-27  27-28  28-29  29-30
 31-32  32-33
exact/norm bonds :
  1-2  1-7  3-4  4-8  8-9  10-12  15-16  16-17  17-18  17-19  19-31  23-24  24-25  25-26  25-27
 27-28  29-30  32-33
exact bonds :
  1-3  3-20  8-10  10-11  11-13  13-14  14-15  20-21  21-22  22-23  28-29  31-32
  
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G1:O,S

G2:O,S,N

```

Match level :
  1:CLASS  2:CLASS  3:CLASS  4:CLASS  7:CLASS  8:CLASS  9:CLASS 10:CLASS 11:CLASS 12:CLASS
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 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS
 31:CLASS 32:CLASS 33:CLASS
  
```



```

chain nodes :
  1  2  3  4  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28
 29 30 31 32 33
chain bonds :
  1-2  1-3  1-7  3-4  3-20  4-8  8-9  8-10  10-11  10-12  11-13  13-14  14-15  15-16  16-17
 17-18  17-19  19-31  20-21  21-22  22-23  23-24  24-25  25-26  25-27  27-28  28-29  29-30
 31-32  32-33
exact/norm bonds :
  1-2  1-7  3-4  4-8  8-9  10-12  15-16  16-17  17-18  17-19  19-31  23-24  24-25  25-26  25-27
 27-28  29-30  32-33
exact bonds :
  1-3  3-20  8-10  10-11  11-13  13-14  14-15  20-21  21-22  22-23  28-29  31-32
  
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G1:O,S

G2:O,S,N

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Match level :
  1:CLASS  2:CLASS  3:CLASS  4:CLASS  7:CLASS  8:CLASS  9:CLASS 10:CLASS 11:CLASS 12:CLASS
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```